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FIG. 1

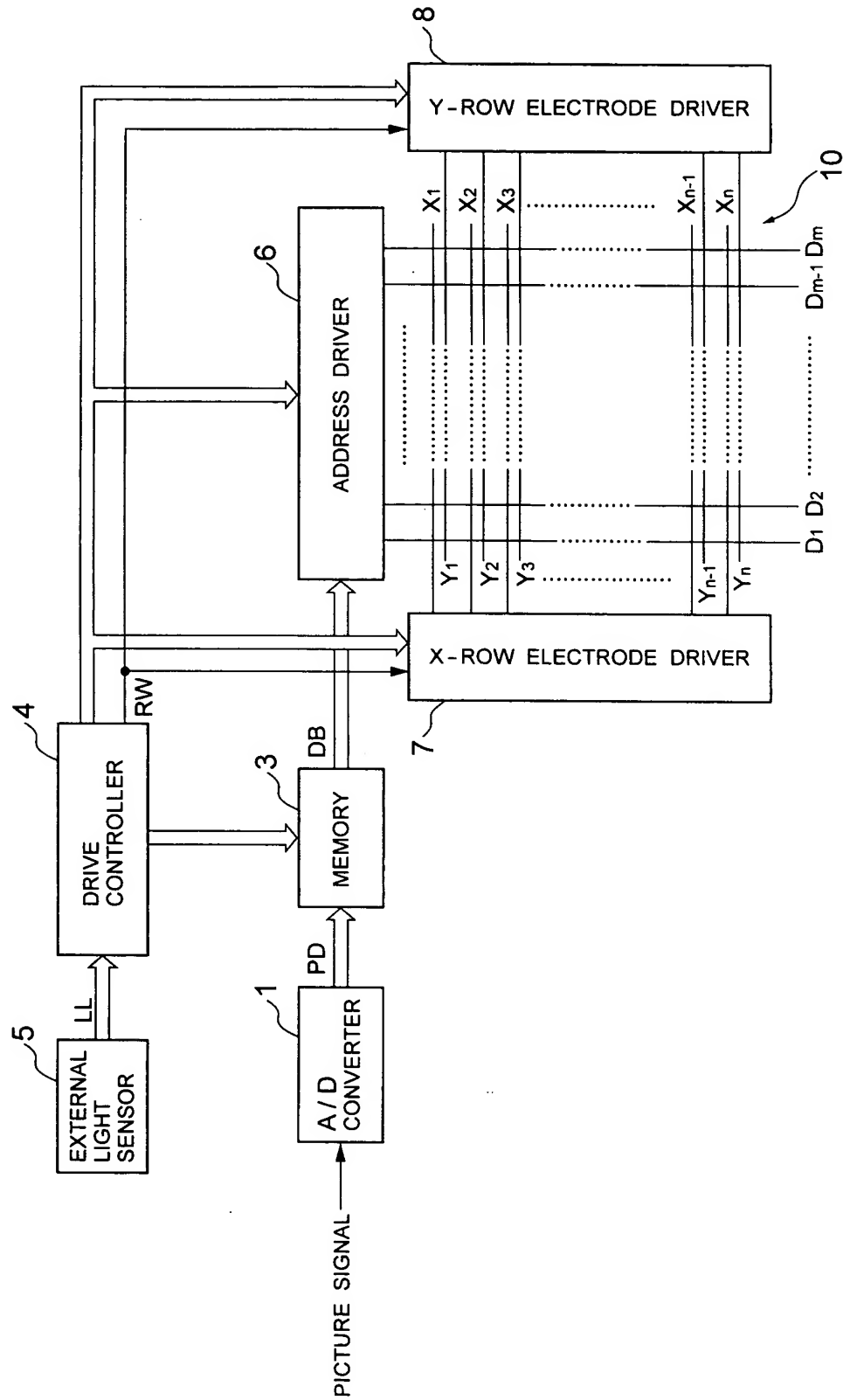


FIG. 2

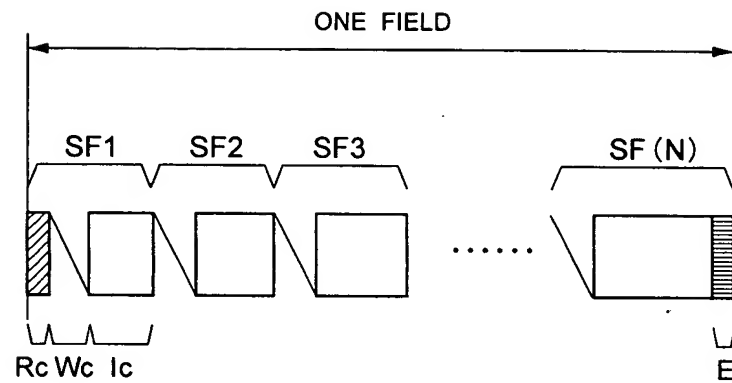
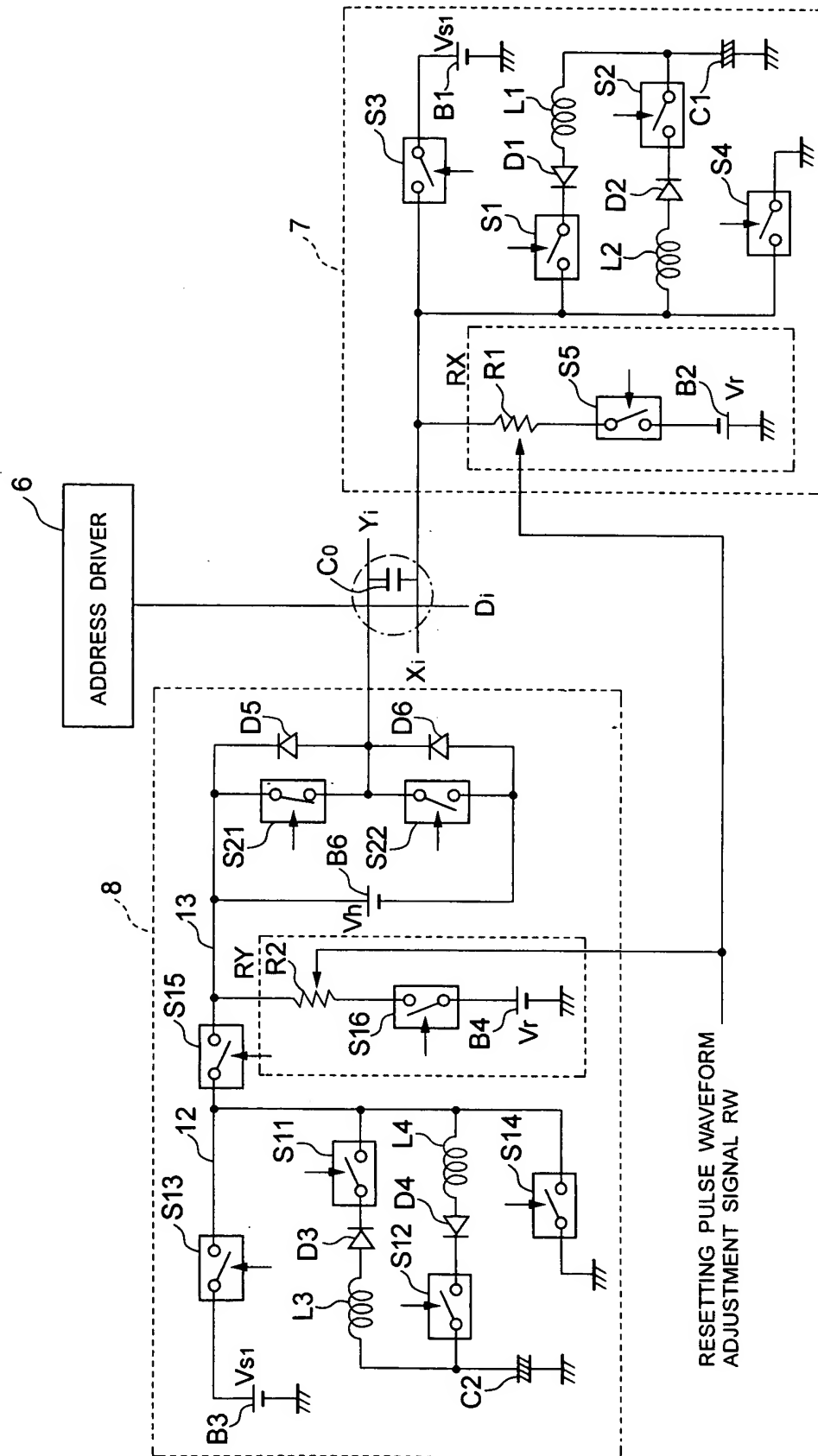
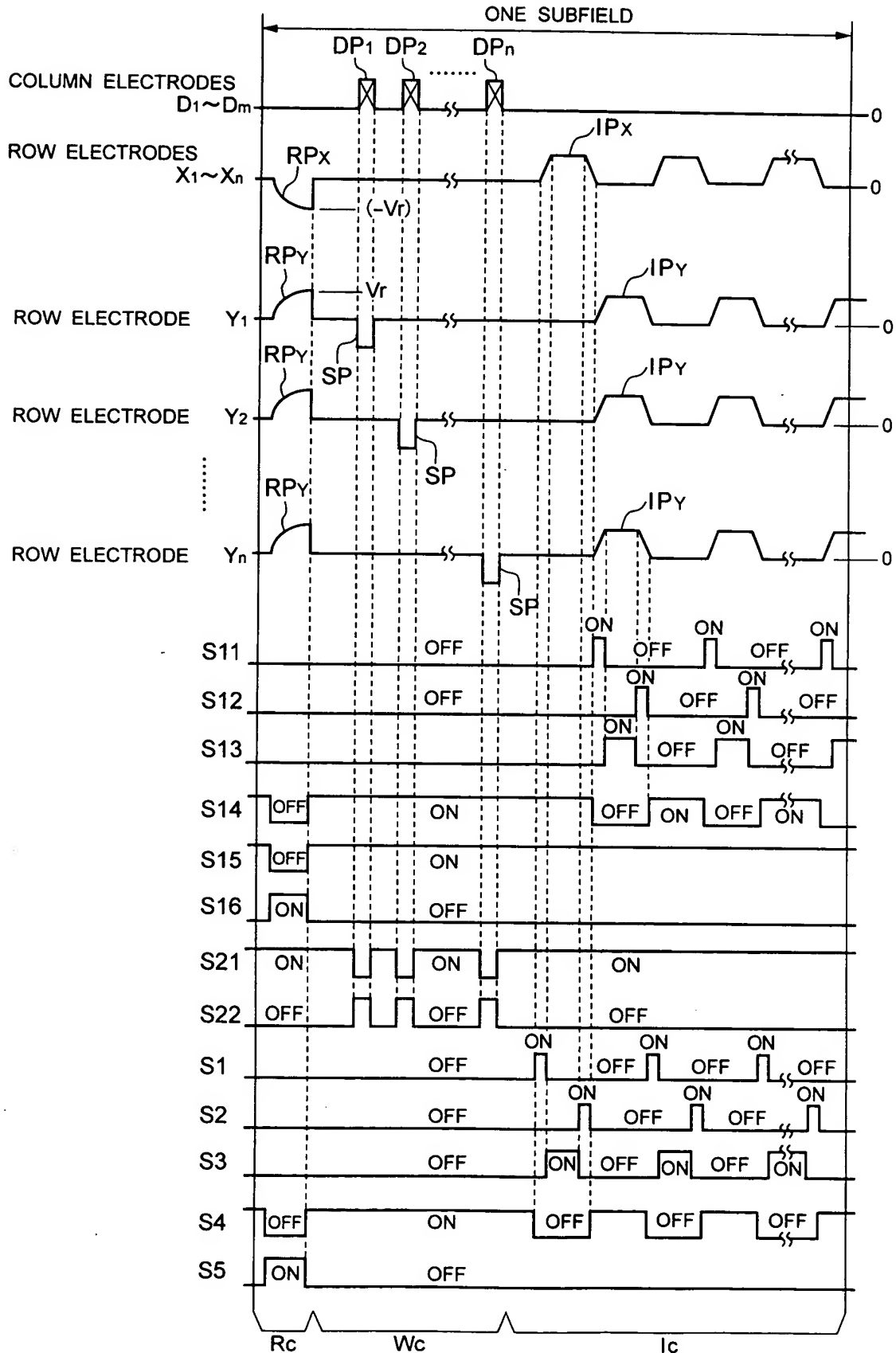


FIG.3



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FIG. 4



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FIG. 5A

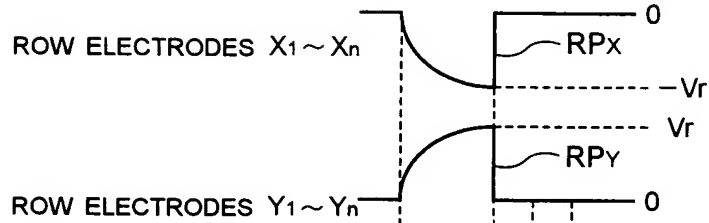


FIG. 5B

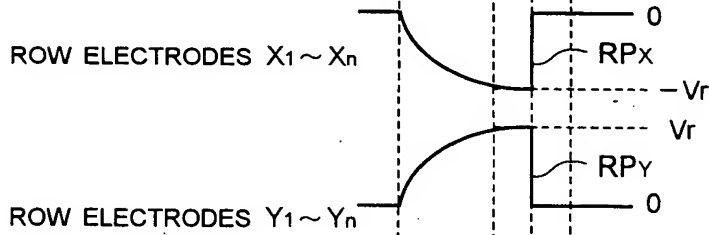


FIG. 5C

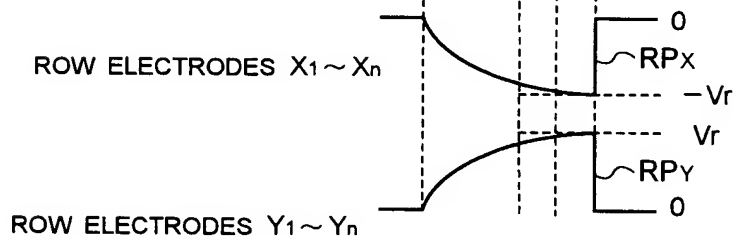


FIG. 6A

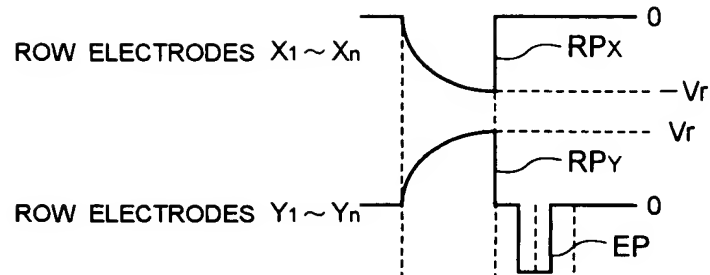


FIG. 6B

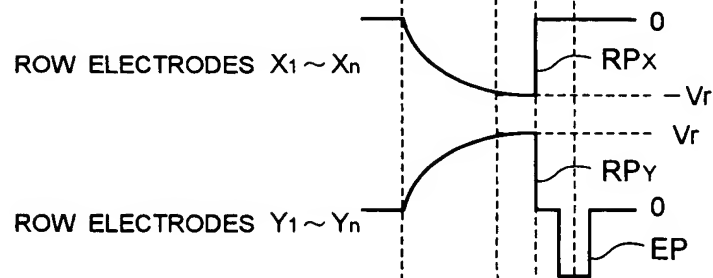


FIG. 6C

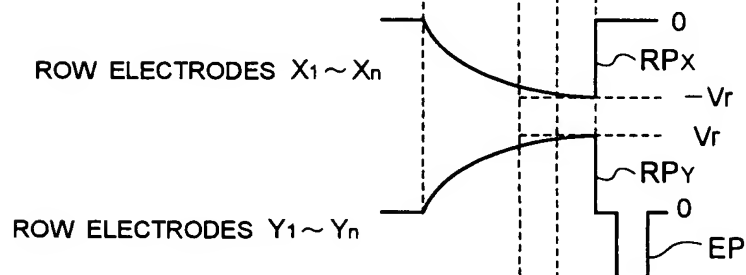


FIG. 7A

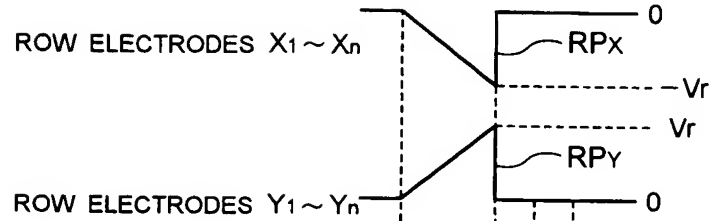


FIG. 7B

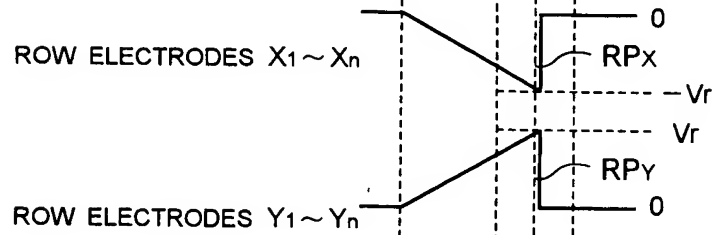
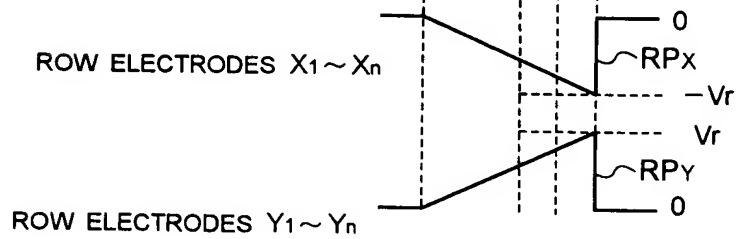


FIG. 7C



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FIG. 8A

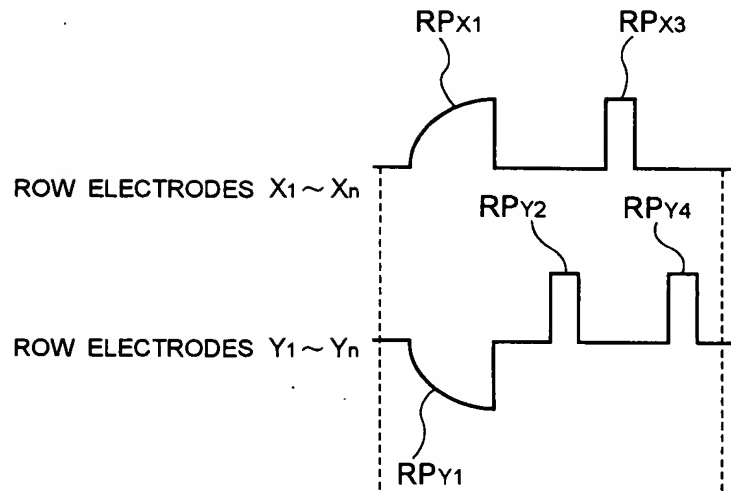
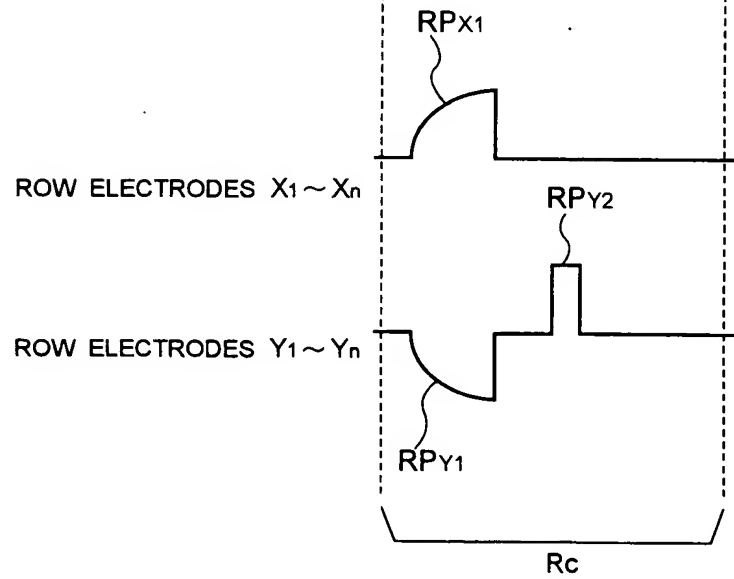


FIG. 8B





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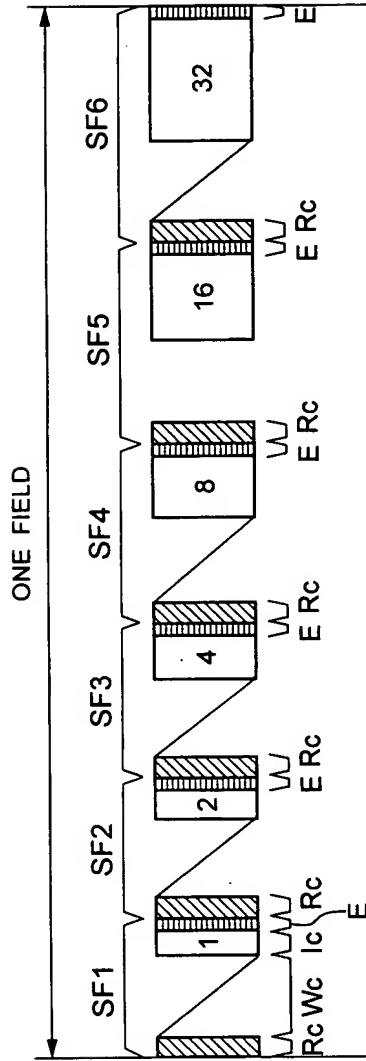


FIG. 9A

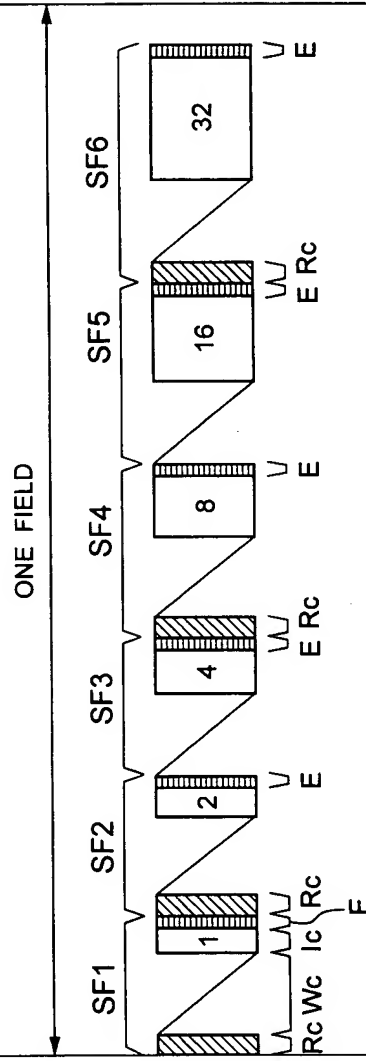


FIG. 9B

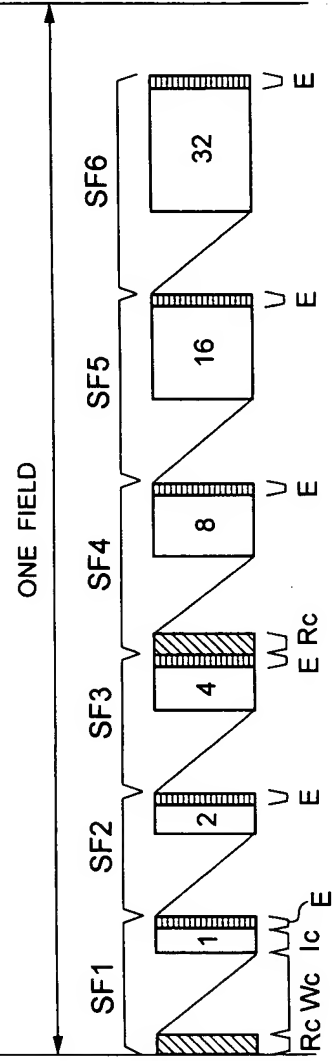


FIG. 9C

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FIG. 10

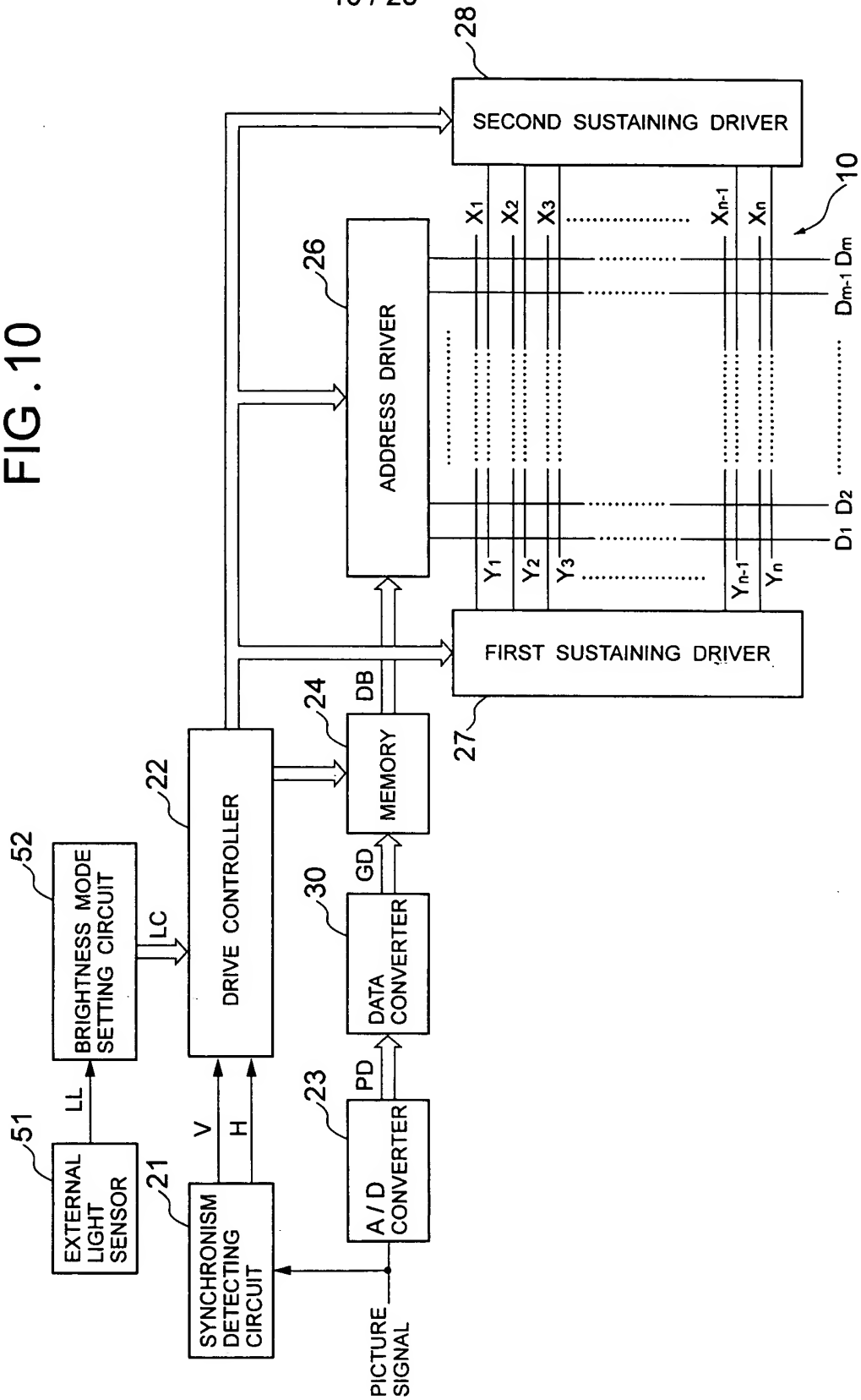


FIG. 11

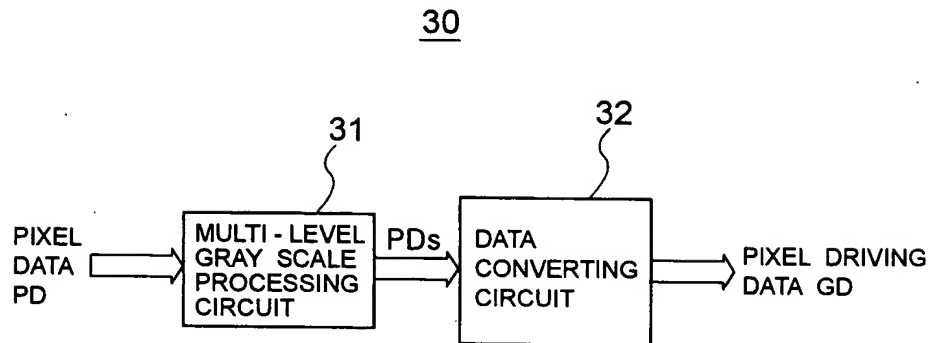


FIG. 12

( SELECTIVE ERASING )

GLAYSCALE LEVELS	DATA CONVERSION TABLE OF DATA CONVERTING CIRCUIT 32		EMISSION DRIVING PATTERN								VISIBLE BRIGHTNESS			
	PDs	GD								SF	MODE			
		1	2	3	4	5	6	7	8		1	2	3	4
1	0000	1	0	0	0	0	0	0	0	●	0	0	0	0
2	0001	0	1	0	0	0	0	0	0	○	1	2	3	4
3	0010	0	0	1	0	0	0	0	0	○	7	14	21	28
4	0011	0	0	0	1	0	0	0	0	○	23	46	69	92
5	0100	0	0	0	0	1	0	0	0	○	47	94	141	188
6	0101	0	0	0	0	0	1	0	0	○	82	164	246	328
7	0110	0	0	0	0	0	0	1	0	○	128	256	384	512
8	0111	0	0	0	0	0	0	0	1	○	185	370	555	740
9	1000	0	0	0	0	0	0	0	0	○	255	510	765	1020

BLACK CIRCLE : SUSTAIN DISCHARGE EMISSION  
 WHITE CIRCLE : SELECTIVE ERASE DISCHARGE

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FIG. 13

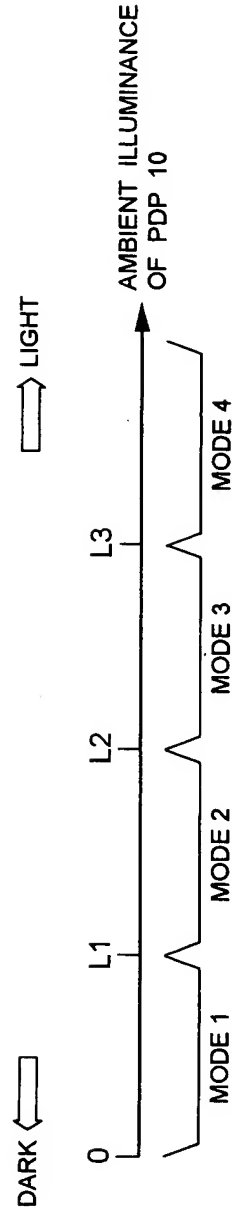
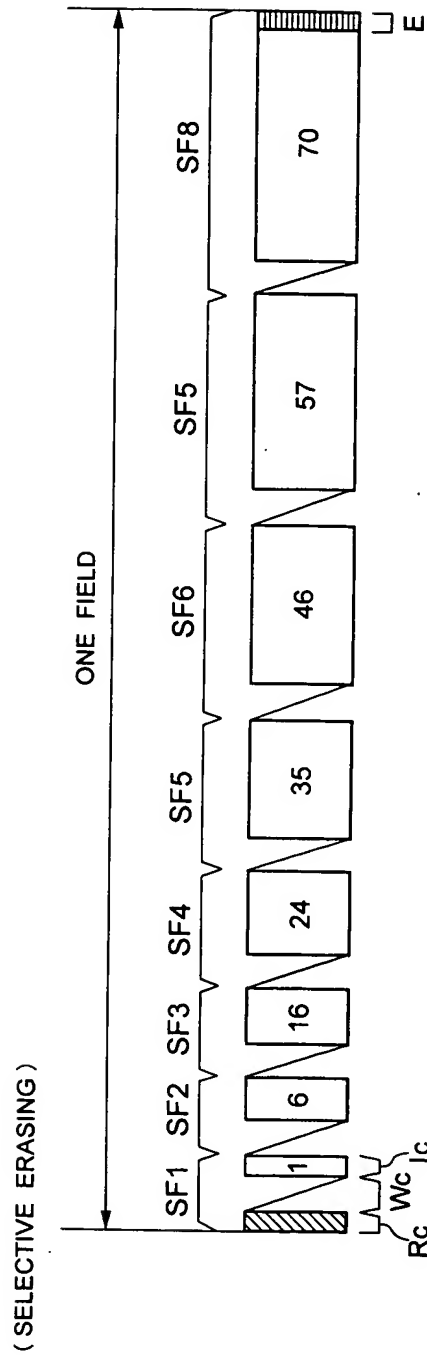
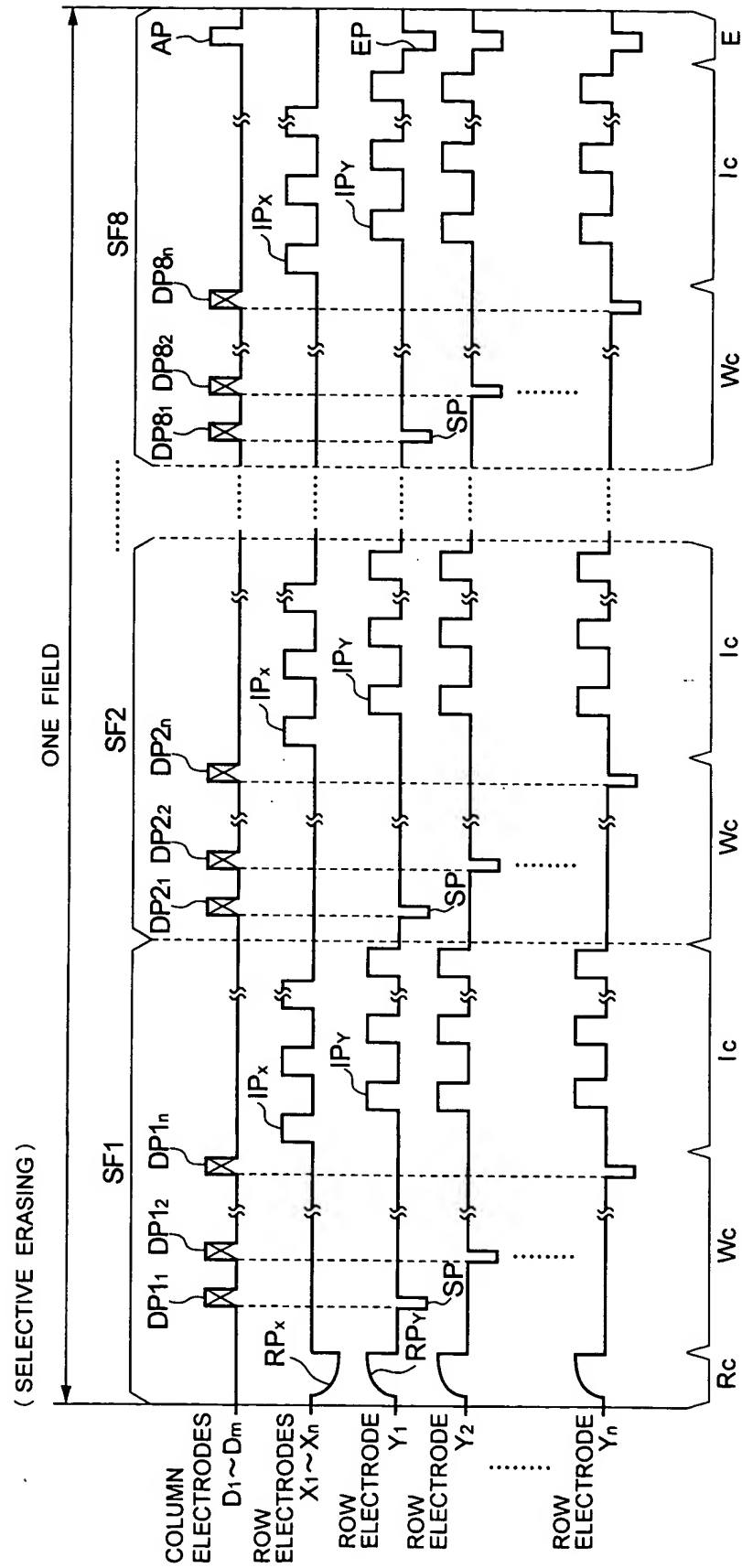


FIG. 14



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FIG. 15



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FIG. 16A

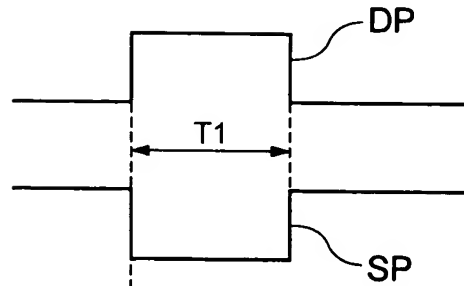


FIG. 16B

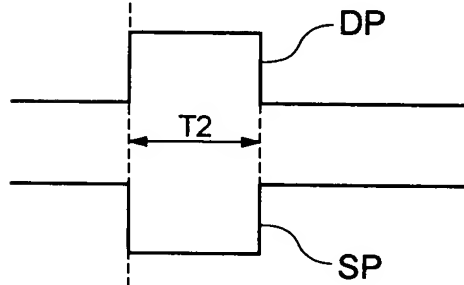


FIG. 16C

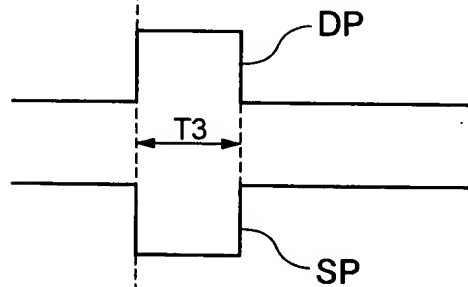
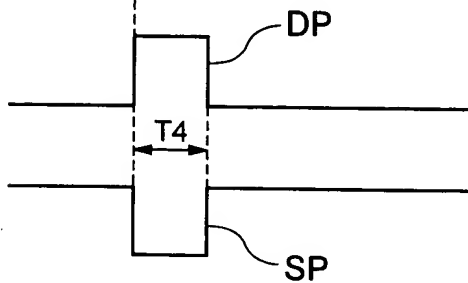


FIG. 16D



$$T1 > T2 > T3 > T4$$



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FIG. 17A

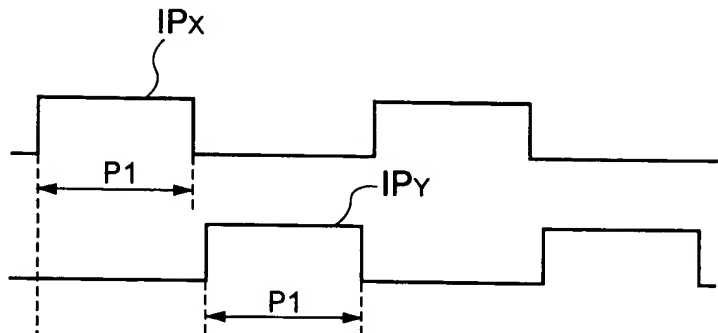


FIG. 17B

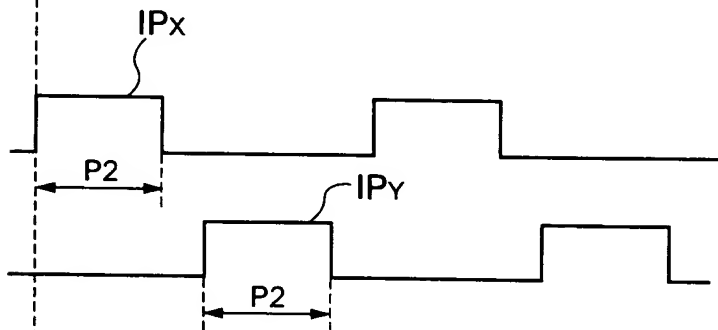


FIG. 17C

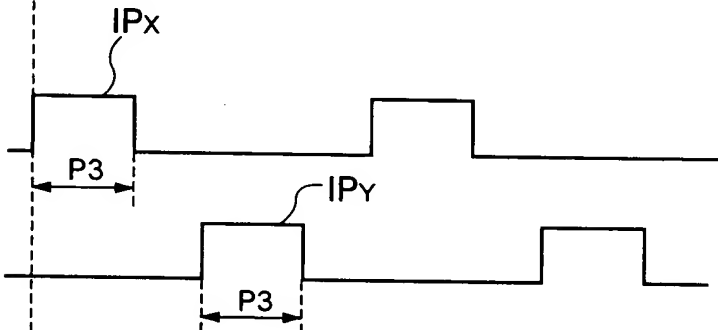
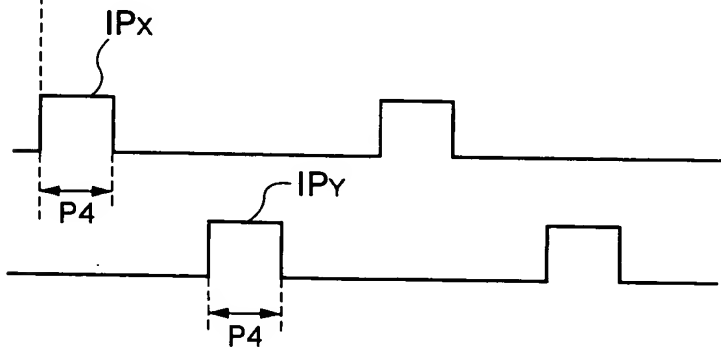



FIG. 17D



$$P1 > P2 > P3 > P4$$

FIG. 18

LC \ SF	SF1	SF2	SF3	SF4	SF5	SF6	SF7	SF8
MODE 1	1	6	16	24	35	46	57	70
MODE 2	2	12	32	48	70	92	114	140
MODE 3	3	18	48	72	105	138	171	210
MODE 4	4	24	64	96	140	184	228	280

LOW  HIGH

SCREEN BRIGHTNESS

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FIG. 19

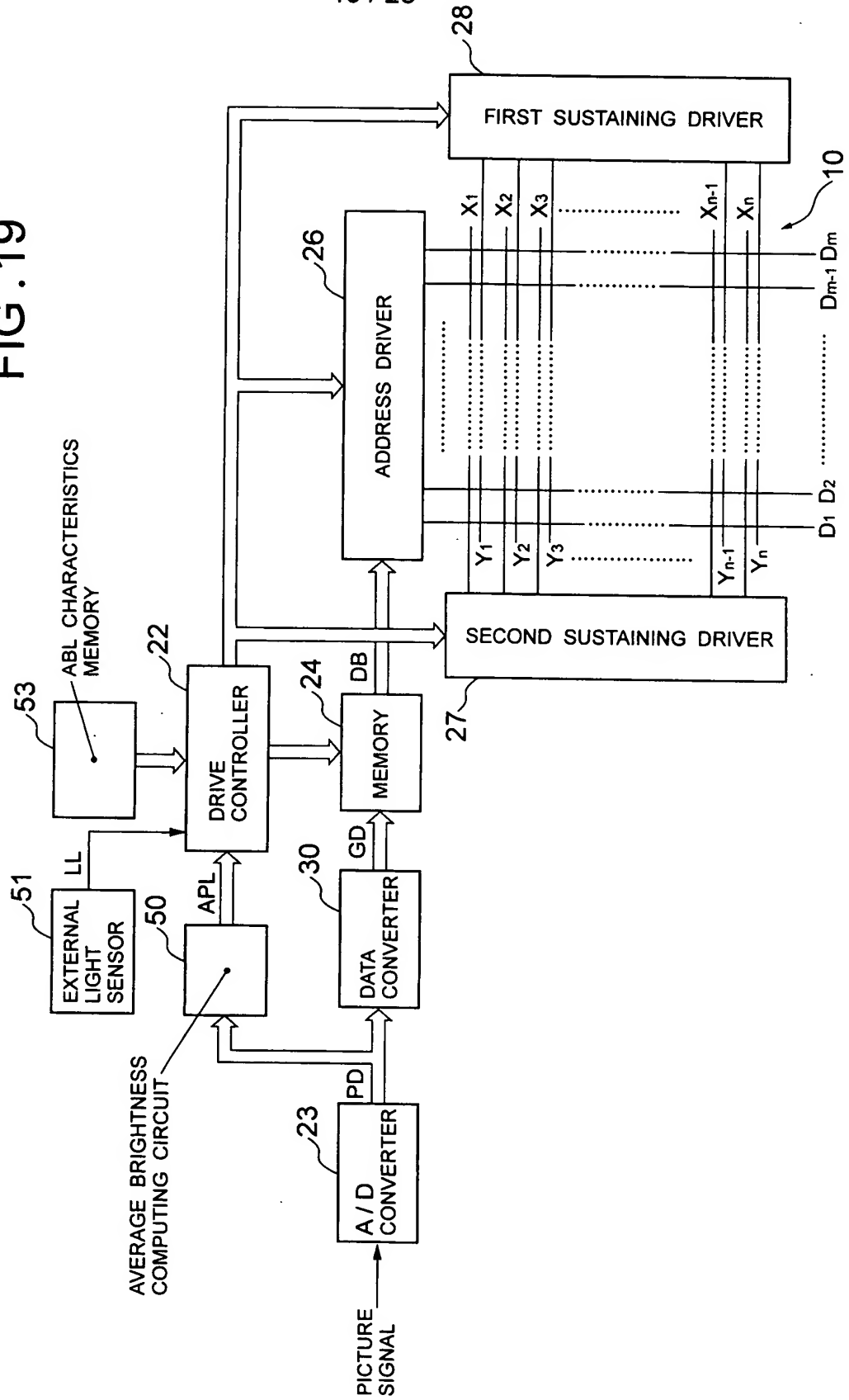


FIG. 20

( SELECTIVE ERASING )

GLAYSCALE LEVELS

DATA CONVERSION TABLE OF DATA CONVERTING CIRCUIT 32

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FIG. 21

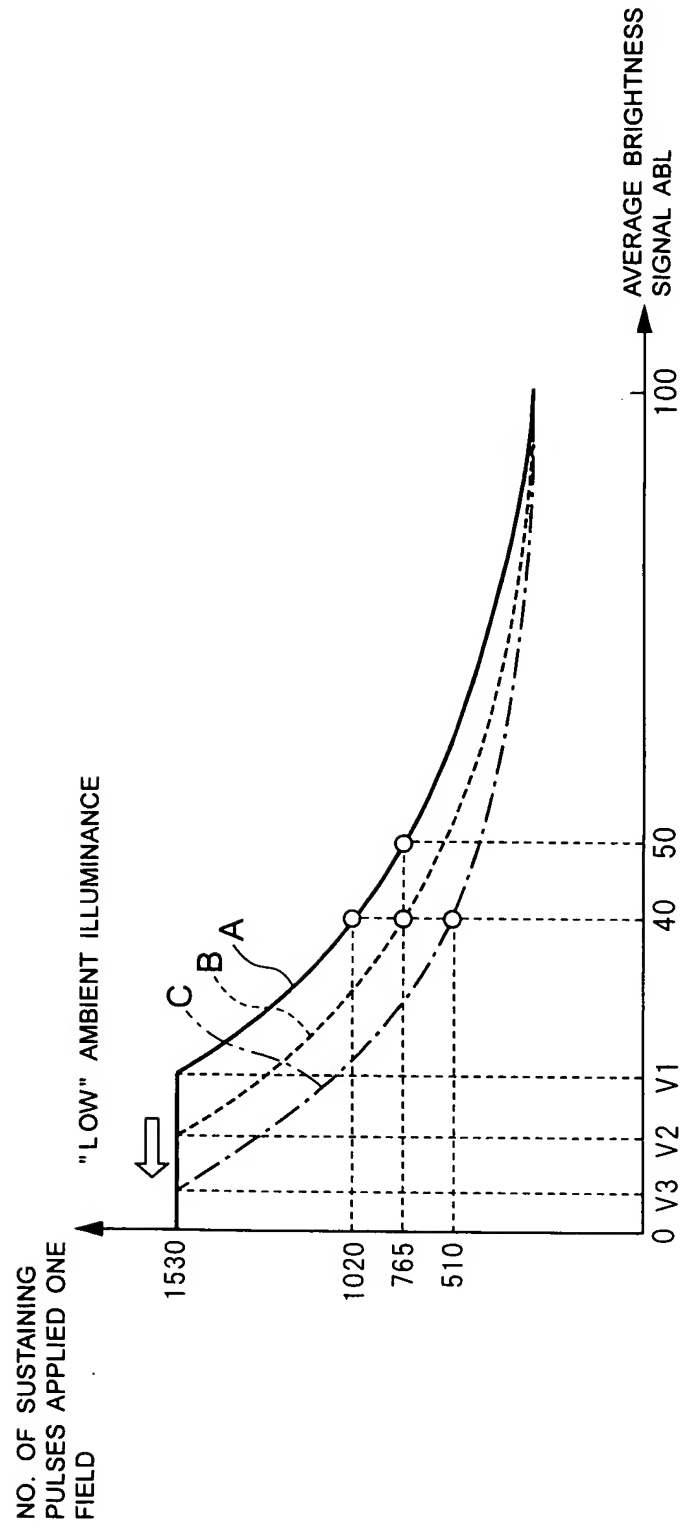


FIG. 22

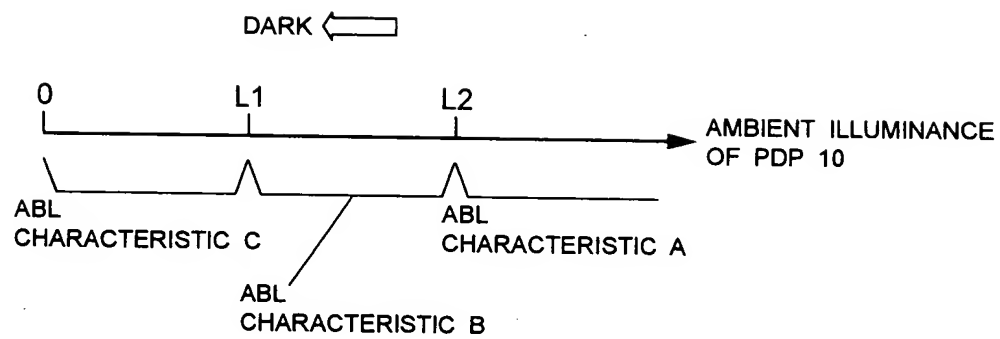


FIG.23

AVERAGE BRIGHTNESS LEVEL OF PICTURE "40"

AMBIENT ILLUMINANCE OF PDP 10	NO. OF SUSTAINING PULSES	SF1	SF2	SF3	SF4	SF5	SF6	SF7	SF8
LOW	510	2	12	32	48	70	92	114	140
INTERMEDIATE	765	3	18	48	72	105	138	171	210
HIGH	1020	4	24	64	96	140	184	228	280

LOW

HIGH

SCREEN BRIGHTNESS

FIG. 24A

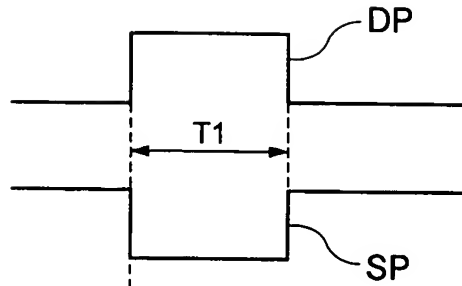


FIG. 24B

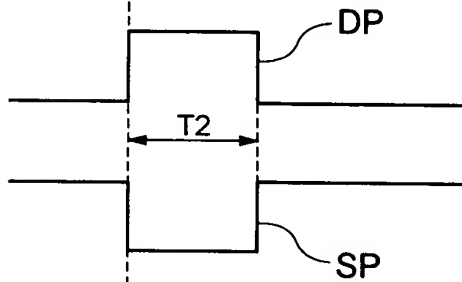
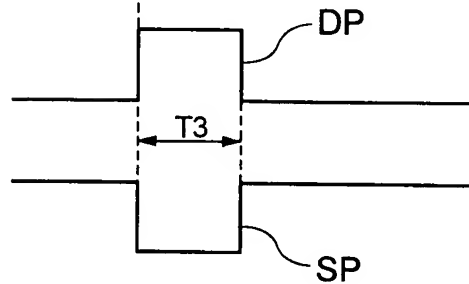


FIG. 24C



$$T1 > T2 > T3$$



FIG. 25A

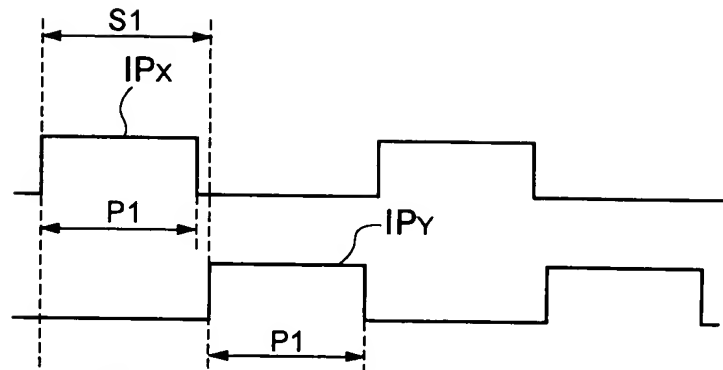


FIG. 25B

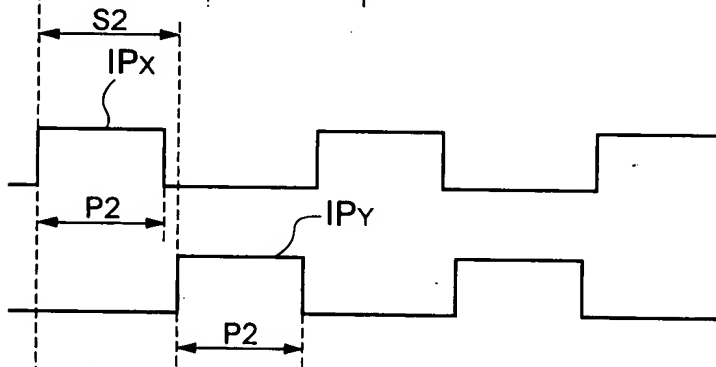
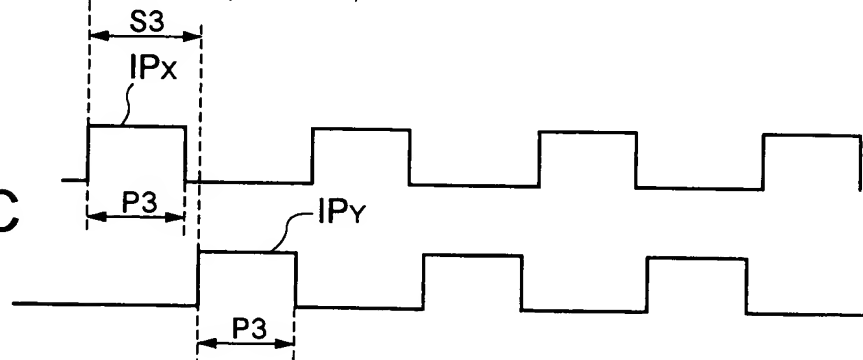


FIG. 25C



$$P1 > P2 > P3$$

$$S1 > S2 > S3$$